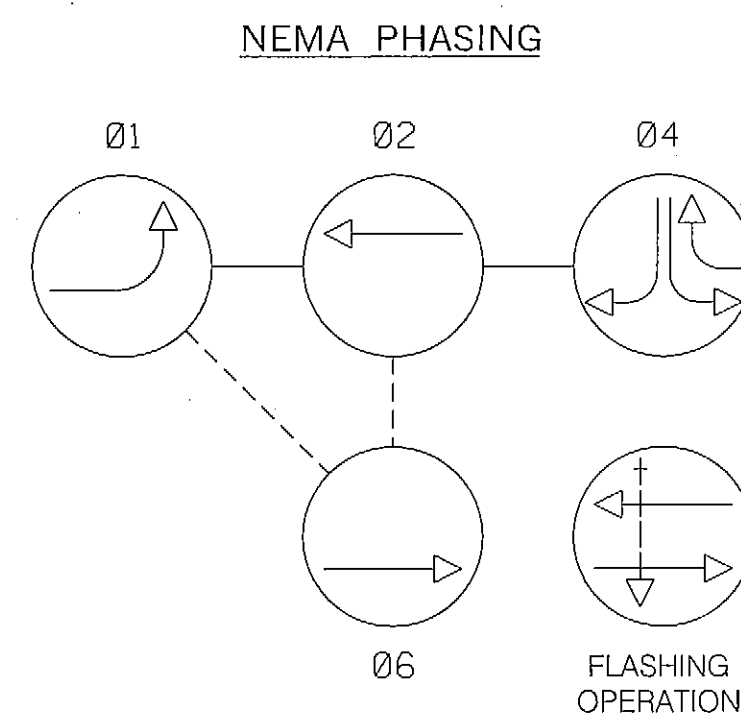
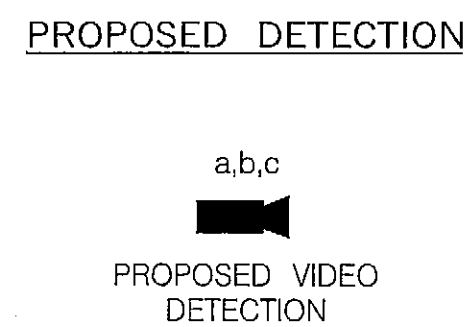
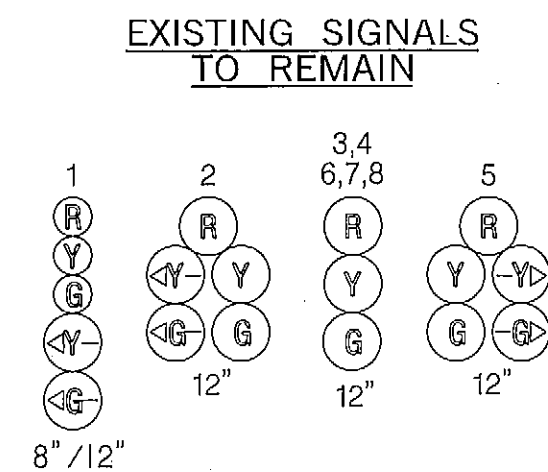
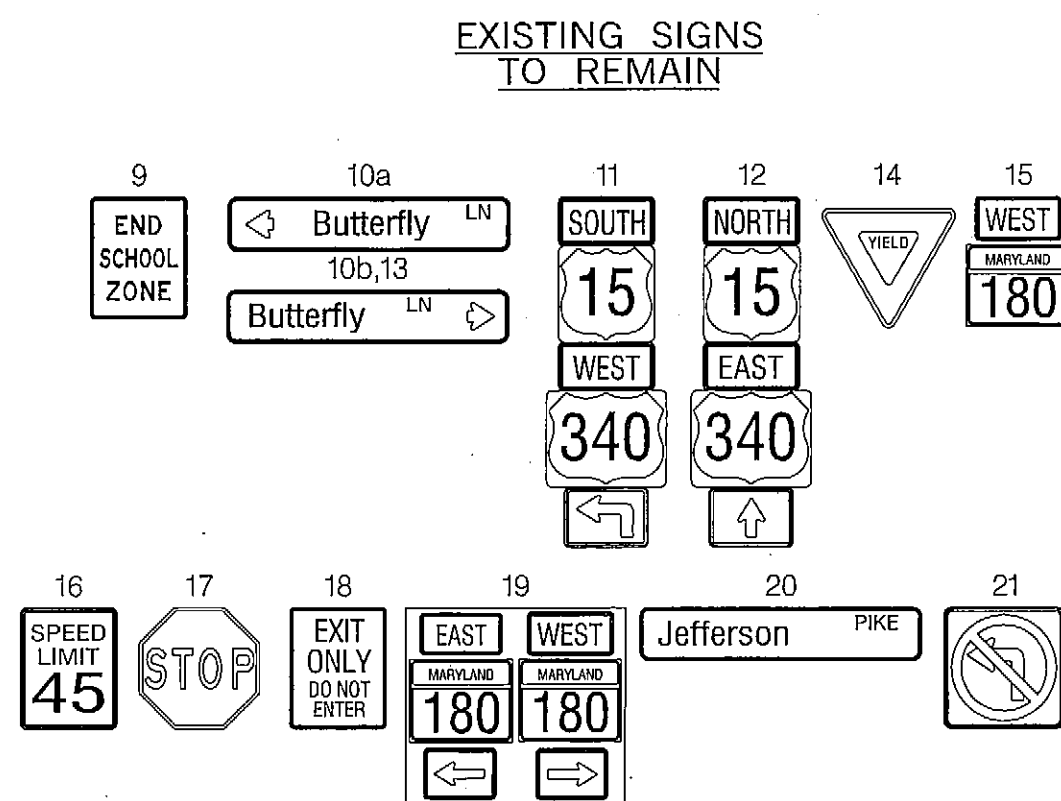
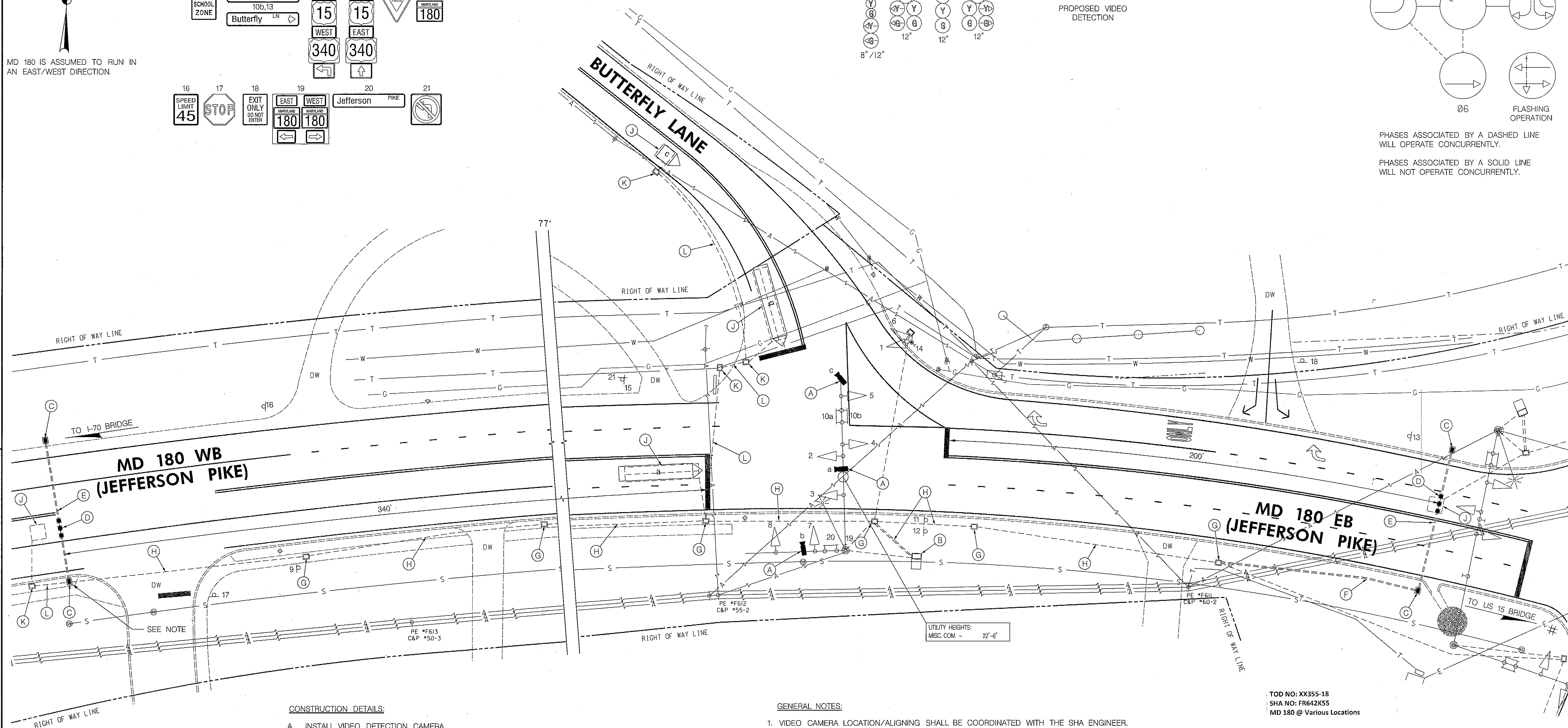


MD 180 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS:

- INSTALL VIDEO DETECTION CAMERA.
- USE EXISTING CONTROLLER, INSTALL VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS.
- INSTALL HANDHOLE ORIENTED FOR NON-INVASIVE PROBES.
- INSTALL NON-INVASIVE DETECTOR AND LEAD IN CABLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.

NOTE:  
PLACE NEW HAND HOLE ON TOP OF EXISTING CONDUIT,  
EXISTING CONDUIT TO BE USED WITH NEW HANDHOLE.

GEOMETRIC LEGEND

EXISTING  
PROPOSED

UTILITY LEGEND

SD STORM DRAIN  
G GAS MAIN  
W WATER MAIN  
S SEWER MAIN  
E ELECTRIC CABLES  
A AERIAL CABLES  
T TELEPHONE CABLES  
F FIBER-OPTIC CABLES

GENERAL NOTES:

- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW DETECTION.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.

TOD NO: XX355-18  
SHA NO: FR642K55  
MD 180 @ Various Locations

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 180 (JEFFERSON PIKE)  
AT BUTTERFLY LANE  
FREDERICK, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 10/1995 CONTRACT NO. AW 794-469-785

DESIGNED BY COUNTY FREDERICK  
DRAWN BY BA LOGMILE 10018014.31  
CHECKED BY JRL/MAR TMS NO.  
F.A.P. NO. TOD NO.

TS NO. 3549-B DRAWING SG-1 OF 4 SHEET NO. 1 OF 2

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www.brudis.com

PLOTTED: Wednesday, May 22, 2013 AT 02:39 PM  
FILE: P:\09-002 TEDD\Task 125 MD 180 @ Various Locations\Drawings\CADD\Working\Butterfly Lane\p69-P001\_MK06@SL.dgn